

REMARKS

Claims 13, 14, 18, 21, 23, and 27 have been amended, claims 34-41 added, and claims 17, 20, 22, 24, and 26 canceled herein. Upon entry of this amendment, claims 13, 14, 18, 21, 23, 25, and 27-41 will be pending in the above-identified application.

Section 103

Applicants request reconsideration of the rejection of claims 13, 14, 18, 21, 23, 25, and 27 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,717,923 (Dedrick) in view of U.S. Patent No. 6,751,459 (Lee).

Claims 13 and 28

As amended, claims 13 and 28 recite a user information processing system comprising a terminal unit for use by a user adapted for accumulating terminal use record information upon use of the terminal unit by the user and original profile information of the user generated on the basis of the terminal use record information, wherein at least one of the terminal use record information and the original profile information includes identifying information about the terminal unit, **a profile analysis server accessible by the terminal unit comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server, a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to the terminal unit, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving the use record information and producing the original profile information based on the use record information**, and storing means detachably provided in the terminal unit for storing the original profile information generated by the profile analysis processing part of the profile analysis server so that when the user uses a terminal unit, the terminal unit accesses the original profile information from the storing means to obtain information peculiar to the particular user using the terminal unit, wherein **the profile analysis processing part of the profile analysis server**

generates new profile information based on the original profile information of the user and the accumulated terminal use record information.

Dedrick discloses apparatus for customizing electronic information to individual end users including a client system 12 and a metering server 14. Lee discloses apparatus for updating information in a personal mobility database server with information concerning a user's tendency to move with relative frequency. Dedrick and Lee, individually or in combination, fail to disclose or suggest a user information processing system comprising a profile analysis server accessible by the terminal unit comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server, a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to the terminal unit, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving the use record information and producing the original profile information based on the use record information. Further, the references fail to disclose or suggest a profile analysis processing part that generates new profile information based on the original profile information of the user and the accumulated terminal use record information.

Because the references, individually and in combination fail to disclose or suggest every feature of claims 13 and 28, the rejection of these claims is improper. Accordingly, Applicants respectfully request the rejection of claims 13 and 28 be withdrawn.

Claims 14 and 29

As amended, claims 14 and 29 recite a terminal unit comprising use record information writing means for writing use record information corresponding to use of the terminal unit by a user, storing means detachably provided in the terminal unit for accumulating use record information and storing original profile information of the user so that when the user uses the terminal unit, the terminal unit accesses the original profile information from the storing means to obtain information peculiar to the particular user using the terminal unit, **a profile analysis server comprising a data bus, a central processing unit connected to the data bus for controlling the**

profile analysis server, a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to parts of the terminal unit other than the profile analysis server, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving the use record information and generating the original profile information based on the use record information, transmitting means for transmitting the use record information accumulated in the storing means to the profile analysis server for every prescribed timing, profile information writing means for receiving the original profile information of the user generated by the profile analysis processing part of the profile analysis server based on the use record information which is transmitted from the profile analysis server and writing the original profile information in the storing means, wherein **at least one of the use record information and the original profile information includes identifying information for the terminal unit**, and selecting means for selecting provided information corresponding to the original profile information generated by the profile analysis processing part of the profile analysis server and written in the storing means from among provided information transmitted from prescribed information providing means, wherein the transmitting means transmits the original profile information stored in the storing means as well as the use record information accumulated in the storing means to the profile analysis server, wherein **the profile analysis server receives the original profile information by way of the communication interface of the profile analysis server**, the profile analysis processing part of the profile analysis server generates new profile information based on the use record information and the original profile information, and the profile analysis server transmits the new profile information to the profile information writing means by way of the communication interface, wherein the profile information writing means receives the new profile information from the profile analysis server and writes the new profile information in the storing means, and wherein the selecting means selects the provided information on the basis of the new profile information written in the storing means.

Dedrick discloses apparatus for customizing electronic information to individual end users including a client system 12 and a metering servier 14. Lee discloses apparatus for updating information in a personal mobility database server with information concerning a user's tendency to move with relative frequency. Dedrick and Lee, individually or in combination, fail to disclose or suggest a terminal unit comprising a profile analysis server comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server, a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to parts of the terminal unit other than the profile analysis server, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving the use record information and generating the original profile information based on the use record information, transmitting means for transmitting the use record information accumulated in the storing means to the profile analysis server for every prescribed timing. Further, the references fail to disclose or suggest at least one of the use record information and the original profile information includes identifying information for the terminal unit. Still further, the references fail to disclose or suggest a profile analysis server that receives the original profile information by way of the communication interface of the profile analysis server, the profile analysis processing part of the profile analysis server generates new profile information based on the use record information and the original profile information, and the profile analysis server transmits the new profile information to the profile information writing means by way of the communication interface, wherein the profile information writing means receives the new profile information from the profile analysis server and writes the new profile information in the storing means, and wherein the selecting means selects the provided information on the basis of the new profile information written in the storing means.

Because the references, individually and in combination fail to disclose or suggest every feature of claims 14 and 29, the rejection of these claims is improper. Accordingly, Applicants respectfully request the rejection of claims 14 and 29 be withdrawn.

Claims 18 and 30

As amended, each of claims 18 and 30 recites a terminal unit comprising use record information writing means for writing use record information corresponding to use of the terminal unit by a user in prescribed storing means detachably provided in the terminal unit for accumulating the use record information and storing profile information of the user so that when the user uses a the terminal unit, the terminal unit accesses the user profile information from the storing means to obtain information peculiar to the particular user using the terminal unit, **a profile analysis server comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server, a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to parts of the terminal unit other than the profile analysis server, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving the use record information and generating the original profile information based on the use record information**, profile information writing means for writing the original profile information of the user in the storing means, wherein **at least one of the use record information and the original profile information includes identifying information for the terminal unit**, and selecting means for selecting provided information corresponding to the original profile information written in the storing means from among provided information transmitted from prescribed information providing means, wherein the profile analysis processing part of the profile analysis server generates new profile information about the user on the basis of the original profile information stored in the storing means and the use record information accumulated in the storing means, wherein **the profile information writing means writes the new profile information in the storing means, and wherein the selecting means selects the provided information on the basis of the new profile information written in the storing means.**

Dedrick discloses apparatus for customizing electronic information to individual end users including a client system 12 and a metering servier 14. Lee

discloses apparatus for updating information in a personal mobility database server with information concerning a user's tendency to move with relative frequency. Dedrick and Lee, individually or in combination, fail to disclose or suggest a profile analysis server comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server, a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to parts of the terminal unit other than the profile analysis server, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving the use record information and generating the original profile information based on the use record information. Further, the references fail to disclose or suggest at least one of the use record information and the original profile information includes identifying information for the terminal unit. Yet further, the references fail to disclose or suggest a profile information writing means that writes the new profile information in the storing means, wherein the selecting means selects the provided information on the basis of the new profile information written in the storing means.

Because the references, individually and in combination fail to disclose or suggest every feature of claims 18 and 30, the rejection of these claims is improper. Accordingly, Applicants respectfully request the rejection of claims 18 and 30 be withdrawn.

Claims 21 and 31

As amended, each of claims 21 and 31 recites an apparatus for providing information to a terminal unit remote from the apparatus, the apparatus comprising a **profile analysis server comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to the terminal unit, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving use record**

information corresponding to use of the terminal unit by the user and generating original profile information based on the use record information, wherein at least one of the use record information and the original profile information includes identifying information for the terminal unit, transmitting means for transmitting the original profile information to the terminal unit, and storing means detachably provided in the terminal unit for accumulating the use record information and the original profile information so that when the user uses a the terminal unit, the terminal unit accesses the original profile information from the storing means to obtain information peculiar to the user using the terminal unit, wherein the profile analysis processing part of the profile analysis server generates new profile information about the user based on the use record information and the original profile information of the user transmitted from the terminal unit to the profile analysis server, and the transmitting means transmits the new profile information to the terminal unit.

Dedrick discloses apparatus for customizing electronic information to individual end users including a client system 12 and a metering servier 14. Lee discloses apparatus for updating information in a personal mobility database server with information concerning a user's tendency to move with relative frequency. Dedrick and Lee, individually or in combination, fail to disclose or suggest an apparatus for providing information to a remote terminal unit comprising a profile analysis server comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to the terminal unit, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving use record information corresponding to use of the terminal unit by the user and generating original profile information based on the use record information. Further, the references fail to disclose or suggest at least one of the use record information and the original profile information includes identifying information for the terminal unit. Yet further, the references fail to disclose or suggest a profile analysis processing part of a profile analysis server that generates new profile information about the user based on the use

record information and the original profile information of the user transmitted from the terminal unit to the profile analysis server. In addition, the references fail to disclose or suggest transmitting means that transmit the new profile information to the terminal unit.

Because the references, individually and in combination fail to disclose or suggest every feature of claims 21 and 31, the rejection of these claims is improper. Accordingly, Applicants respectfully request the rejection of claims 21 and 31 be withdrawn.

Claims 23, 25, and 32

As amended, each of claims 23, 25, and 32 recites an apparatus for providing information to a terminal unit remote from the apparatus, the apparatus comprising **a profile analysis server comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server, a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to the terminal unit, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving use record information corresponding to use of the terminal unit by the user and generating original profile information based on the use record information, wherein at least one of the use record information and the original profile information includes identifying information for the terminal unit, and storing means for storing the original profile information, wherein the storing means is a storage medium detachably provided in the terminal unit so that when the user uses the terminal unit, the terminal unit accesses the original profile information from the storing means to obtain information peculiar to the user using the terminal unit, wherein the profile analysis processing part of the profile analysis processing server generates new profile information about the user based on the use record information and the original profile information and wherein the storing means stores the new profile information so that when the user uses the terminal unit, the terminal unit accesses the new profile information from the storing means.**

Dedrick discloses apparatus for customizing electronic information to individual end users including a client system 12 and a metering servier 14. Lee discloses apparatus for updating information in a personal mobility database server with information concerning a user's tendency to move with relative frequency. Dedrick and Lee, individually or in combination, fail to disclose or suggest an apparatus for providing information to a remote terminal unit comprising a profile analysis server comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server, a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to the terminal unit, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving use record information corresponding to use of the terminal unit by the user and generating original profile information based on the use record information, wherein at least one of the use record information and the original profile information includes identifying information for the terminal unit. Further, the references fail to disclose or suggest a profile analysis processing part of a profile analysis processing server that generates new profile information about the user based on the use record information and the original profile information and wherein the storing means stores the new profile information so that when the user uses the terminal unit. Yet further, the references fail to disclose or suggest a terminal unit that accesses the new profile information from the storing means.

Because the references, individually and in combination fail to disclose or suggest every feature of claims 23, 25, and 32, the rejection of these claims is improper. Accordingly, Applicants respectfully request the rejection of claims 23, 25, and 32 be withdrawn.

Claims 27 and 33

As amended, each of claims 27 and 33 recites a user information processing system comprising a terminal unit adapted to accumulate terminal use record information upon use of the terminal unit by a user, a storage medium detachably provided in the terminal unit for storing profile information about the user so

that when the user uses a the terminal unit, the terminal unit accesses the user profile information from the storing means to obtain information peculiar to the user using the terminal unit, and **a profile analysis server comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server, a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to the terminal unit, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving the use record information and generating the original profile information based on the use record information**, wherein the terminal unit is adapted to accumulate the original profile information generated by the profile analysis server, and wherein **at least one of the use record information and the original profile information includes identifying information for the terminal unit**, wherein **the profile analysis processing part generates new profile information based on the original profile information of the user and the accumulated terminal use record information**.

Dedrick discloses apparatus for customizing electronic information to individual end users including a client system 12 and a metering server 14. Lee discloses apparatus for updating information in a personal mobility database server with information concerning a user's tendency to move with relative frequency. Dedrick and Lee, individually or in combination, fail to disclose or suggest a user information processing system comprising a profile analysis server comprising a data bus, a central processing unit connected to the data bus for controlling the profile analysis server, a memory connected to the data bus, the memory storing programs used by the central processing unit to control the profile analysis server, a communication interface connected to the data bus for connecting the profile analysis server to the terminal unit, and a profile analysis processing part connected to the data bus, the profile analysis processing part being adapted for receiving the use record information and generating the original profile information based on the use record information. Further, the references fail to disclose or suggest at least one of the use record information and the

original profile information includes identifying information for the terminal unit. Yet further, the references fail to disclose or suggest a profile analysis processing part that generates new profile information based on the original profile information of the user and the accumulated terminal use record information.

Because the references, individually and in combination fail to disclose or suggest every feature of claims 27 and 33, the rejection of these claims is improper. Accordingly, Applicants respectfully request the rejection of claims 27 and 33 be withdrawn.

Conclusion

As it is believed that the application is in condition for allowance, a favorable action and a Notice of Allowance are respectfully requested.

If the Examiner desires, Applicants welcome a telephone interview to expedite prosecution. As always, the Examiner is free to call the undersigned at 314-259-5909.

Applicants believe that there are no fees due for this submission. However, the Commissioner is hereby authorized to deduct any fees due for this submission from Deposit Account No. 19-3140.

Respectfully submitted,

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